



CofC

In the United States Patent and Trademark Office

In re Application of

Chang-Chih SUNG

Patent No. : US 7,488,918 B2

Application. Serial No.: 10/769,256

Issue Date: February 10, 2009

For : APPARATUS FOR MANUFACTURING PRINTED LIGHT
GUIDE PLATE

REQUEST FOR CERTIFICATE OF CORRECTION

ATTN Certificate of Corrections Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

July 30, 2009

To Whom It May Concern:

In reviewing the above-identified patent, a printing error was discovered therein requiring correction in order to complete our Office Records pertaining to above identified application.

The error noted is set forth on the attached copy of Form PTO/SB/44 in the manner required by the Office.

The changes requested herein are believed to have incurred through the fault of the Patent and Trademark Office and the requested Certificate of Correction should be issued without expense under 37 C.F.R. §1.322.

Accordingly, Applicant respectfully requests issuance of Certificate of Correction.

Respectfully Submitted,

Chang-Chih SUNG

Steven M. Reiss, Reg. No.: 37,519

Customer No. 54,000

Certificate

AUG 07 2009

of Correction

RECEIVED
CENTRAL FAX CENTER

AUG 22 2008

Appl. No. 10/769,256
Amdt. Dated August 22, 2008
Reply to Office Action of May 22, 2008

Amendment to the Specification

Please replace the original title with the following amended title:

**METHOD AND APPARATUS FOR MANUFACTURING
PRINTED LIGHT GUIDE PLATE**

Please replace previously amended paragraphs [0011] and [0015] [sic] with the following amended paragraphs:

[0011] Referring to FIG. 2, an apparatus 2 for manufacturing a printed light guide plate 21 is illustrated. As shown, the apparatus 2 comprises a working platform 23, a heater 24 coupled to the working platform 23, and [[a]] printing means ~~device~~ 25. The heater 24 is disposed below the working platform 23, and the printing means ~~device~~ 25 is associated with ~~disposed above~~ the working platform 23. The heater 24 in this particular embodiment is a resistance heater adapted to maintain a given constant temperature. A transparent slab 21 having a first surface 211 and a second surface 212 is disposed on the working platform 23, with the first surface 211 in contact with the working platform 23. In this particular embodiment, the transparent slab 21 is made of polymethyl methacrylate (PMMA). The printing ~~device~~ means 25, ~~by being positioned above the working platform 23,~~ is configured for printing a plurality of scattering dots on the second surface 212.



US007488918B2

(12) **United States Patent**
Sung

(10) **Patent No.:** **US 7,488,918 B2**
(45) **Date of Patent:** **Feb. 10, 2009**

(54) **METHOD AND APPARATUS FOR
MANUFACTURING PRINTED LIGHT GUIDE
PLATE**

(75) Inventor: **Chang-Chih Sung, Tu-Chen (TW)**

(73) Assignee: **Hon Hai Precision Industry Co., Ltd.,
Tu-Cheng, Taipei Hsien (TW)**

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 804 days.

(21) Appl. No.: **10/769,256**

(22) Filed: **Jan. 29, 2004**

(65) **Prior Publication Data**

US 2004/0185175 A1 Sep. 23, 2004

(30) **Foreign Application Priority Data**

Jan. 29, 2003 (TW) 92101908 A

(51) **Int. Cl.**

F21V 8/00 (2006.01)

F21V 7/04 (2006.01)

B05D 5/06 (2006.01)

H05B 3/68 (2006.01)

(52) **U.S. Cl.** 219/390; 219/443.1; 219/521;
118/725; 362/26; 362/608; 362/627

(58) **Field of Classification Search** 219/406,
219/520, 509, 544, 553; 362/23, 26, 31

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,855,572 A *	8/1989	Wallgren et al.	219/444.1
6,254,244 B1 *	7/2001	Ukai et al.	362/611
6,601,961 B1	8/2003	Masaki	
6,861,184 B2 *	3/2005	Kawase	430/7
7,061,568 B2 *	6/2006	Yamaguchi et al.	349/155
2003/0112407 A1 *	6/2003	Nakano et al.	349/187
2005/0084777 A1 *	4/2005	Kawase	430/7

FOREIGN PATENT DOCUMENTS

CN	1323697 A	11/2001
JP	8327807	5/1995

* cited by examiner

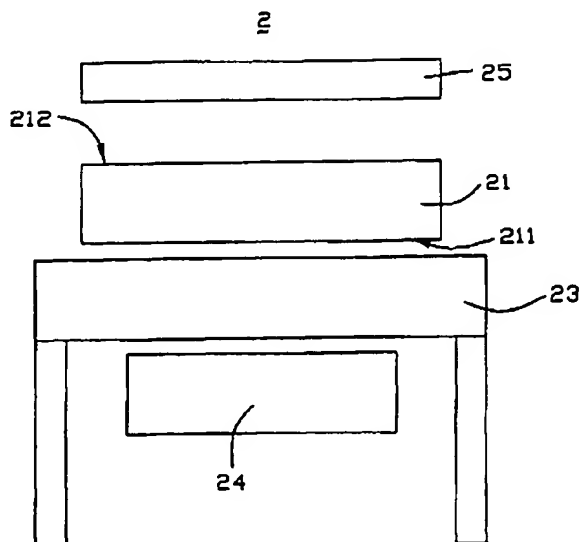
Primary Examiner—Joseph M Pelham

(74) *Attorney, Agent, or Firm*—Wei Te Chung

(57) **ABSTRACT**

An apparatus for manufacturing a printed light guide plate includes a working platform (23), and a heater (24) coupled to the working platform. A transparent slab (21) is disposed on the working platform. The purpose of coupling the heater to the working platform is to maintain the transparent slab a constant temperature in the range from about 40° C. to about 45° C., such that as few water molecules as possible are absorbed into the transparent slab. The quality of the manufactured printed light guide plate is thus improved.

3 Claims, 2 Drawing Sheets



UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : US 7,488,918

APPLICATION NO.: 10/769,256

ISSUE DATE : February 10, 2009

INVENTOR(S) : (1) Chang-Chih SUNG

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please replace Section (54) regarding "Title" on the front page of the Patent with the following:

(54) APPARATUS FOR MANUFACTURING PRINTED LIGHT GUIDE PLATE

MAILING ADDRESS OF SENDER (Please do not use customer number below):

PCE Industry, Inc.
ATTN: Steven M. Reiss
458 E. Lambert Road
Fullerton, CA 92835

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/92 (06-09)

Approved for use through 06/30/2009. OMB 0561-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

ATTN: CERTIFICATE OF CORRECTIONS BRANCH
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on July 30, 2009

Date

Signature

STEVEN M. REISS

Typed or printed name of person signing Certificate

37,519

Registration Number, if applicable

(714) 626-1350

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

This submission contains a certificate of mailing cover page, a letter requesting the certificate of correction, a copy of the cover page of the patent. PTO/SB/44, and a copy of the amend to title from response of August 22, 2008.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.